EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	2	((wash$3 or laundry) adj machine) SAME ((drive adj control) with ratio)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 08:13
L4	3	((wash$3 or laundry) adj machine) SAME ((drive adj control) same ratio)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 08:14
L5	89	self$1clean$3 same dish$1wash$3	US-PGPUB; USPAT	ADJ	ON	2008/10/21 08:59
L6	0	empty near2 ("washing machine" or "laundry machine") same (drive near2 control$3)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:18
L7	1	empt$3 near2 ("washing machine" or "laundry machine") same (drive near2 control$3)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:18
L8	1	empt$3 SAME ("washing machine" or "laundry machine") same (drive near2 control$3)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:18
L9	8	(empt$3 or discharg$3) SAME ("washing machine" or "laundry machine") same (drive near2 control$4)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:19
L10	39	(empt$3 or discharg$3 or drain$3) SAME ("washing machine" or "laundry machine") same (drive near2 control$4)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:27
L11	0	("washing machine" or "laundry machine") SAME (drive near2 control$4) near3 ("not control$4" or inoperat$3)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:31
L12	1	("washing machine" or "laundry machine") SAME (drive near2 control$4) SAME ("not control$4" or inoperat$3)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:32
L13	0	("washing machine" or "laundry machine") SAME (drive near2 control$4) SAME programmable	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:34
L14	3565	(drive near2 control$4) SAME programmable	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:34

L15	1085	(drive adj control$4) SAME programmable	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:35
L16	426	(drive adj control$4) SAME (programmable AND device)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:35
L17	161	(drive adj control$4) SAME (programmable with device)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:36
L18	2	(drive adj control$4) SAME (programmable with device) AND (((wash$3 or laundry) adj (machine)) or appliance)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:40
L19	0	(drive adj control$4) SAME (programmable with device) AND ((wash$3 or laundry) adj (machine or appliance))	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:41
L20	9	(drive adj control$4) SAME (program$5 with device) AND ((wash$3 or laundry) adj (machine or appliance))	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:41
L21	32	((drive adj control$4) SAME program$5) AND ((wash$3 or laundry) adj (machine or appliance))	US-PGPUB; USPAT	ADJ	ON	2008/10/21 09:59
L22	70	(detergent or "cleaning agent" or agent) same dos $3 SAME ((wash$3 or laundry) adj (machine or appliance)) same control$4	US-PGPUB; USPAT	ADJ	ON	2008/10/21 11:52
L26	1466	(detergent or "cleaning agent" or agent) same dos $3 and ((wash$3 or laundry) adj (machine or appliance)) and control$4	US-PGPUB; USPAT	ADJ	ON	2008/10/21 12:34
L27	186467	(detergent or "cleaning agent" or agent) same (information or dos$3 or instruction) and control$4	US-PGPUB; USPAT	ADJ	ON	2008/10/21 12:45
L28	0	(detergent or "cleaning agent" or agent) same (information or dos$3 or instruction) samecontrol$4	US-PGPUB; USPAT	ADJ	ON	2008/10/21 12:45
L29	43008	(detergent or "cleaning agent" or agent) same (information or dos$3 or instruction) same control $4	US-PGPUB; USPAT	ADJ	ON	2008/10/21 12:45

L30	147	(detergent or "cleaning agent" or agent) same (information or dos$3 or instruction) same control $4 same (wash$3 machine)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 12:45
L31	77969	(detergent or agent or compositio) AND ((required or amount) near3 dos$3)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 13:12
L32	408	(detergent or agent or compositio) AND ((required or amount) near3 dos$3) AND (wash $3 machine)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 13:13
L33	274	(detergent or agent or composition) AND menu and (washing machine)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 13:38
L34	82	(detergent or agent or composition) same menu and (washing machine)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 13:39
L35	5	(detergent or agent or composition) same menu same(washing machine)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 13:39
L36	5	(detergent or agent or composition) same menu same (washing machine)	US-PGPUB; USPAT	ADJ	ON	2008/10/21 13:39
L37	305	(detergent or agent or composition) same (washing machine) same dispens$3 same control$3	US-PGPUB; USPAT	ADJ	ON	2008/10/21 13:44
L38	25	required dose cleaning agent	US-PGPUB; USPAT	SAME	ON	2008/10/21 13:55
L39	322	dose cleaning agent	US-PGPUB; USPAT	SAME	ON	2008/10/21 13:57
L40	5	cleaning agent washing machine sensor	US-PGPUB; USPAT	SAME	ON	2008/10/21 14:00
L41	605	detergent dos$3 washing machine	US-PGPUB; USPAT	SAME	ON	2008/10/21 14:05
L42	868	dos$3 SAME (washing adj machine)	US-PGPUB; USPAT	SAME	ON	2008/10/21 14:07
L43	100	dos$3 SAME (washing adj machine) SAME control	US-PGPUB; USPAT	SAME	ON	2008/10/21 14:09
L44	17	(determin$5 with dos$3) SAME (washing adj machine) SAME control	US-PGPUB; USPAT	SAME	ON	2008/10/21 14:11
L45	197	(determin$5 with (dos$3 or amount or detergent)) SAME (washing adj machine) SAME control	US-PGPUB; USPAT	SAME	ON	2008/10/21 14:18

L46	1	("4091833").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/21 14:20
L47	220	(determin$5 with (dos$3 or amount or quantity or detergent)) SAME (washing adj machine) SAME control	US-PGPUB; USPAT	SAME	ON	2008/10/21 14:23
L48	23	l47 not l45	US-PGPUB; USPAT	SAME	ON	2008/10/21 14:23
L49	19	(detergent or agent or composition) same dos$3 SAME (washing machine) same (water supply)	US-PGPUB; USPAT	SAME	ON	2008/10/21 14:35
L50	1	("4932227").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/21 14:42
S1	306	134/104.1.ccls.	US-PGPUB; USPAT	OR	ON	2008/09/15 07:59
S2	26361	(laundry or wash$3) ADJ machine	US-PGPUB; USPAT	OR	ON	2008/09/15 08:26
S3	780	(laundry or wash$3) ADJ machine NEAR control	US-PGPUB; USPAT	OR	ON	2008/09/15 08:27
S4	26361	(laundry or wash$3) ADJ machine	US-PGPUB; USPAT	OR	ON	2008/09/15 08:43
S6	14425	self$1cleaning or self$1washing NEAR machine	US-PGPUB; USPAT	OR	ON	2008/09/15 08:43
S7	243	S4 and S6	US-PGPUB; USPAT	OR	ON	2008/09/15 08:44
S8	5181	clean$3 SAME (wash$4 adj machine)	US-PGPUB; USPAT	OR	ON	2008/09/15 09:57
S9	3345	clean$3 with (wash$4 adj machine)	US-PGPUB; USPAT	OR	ON	2008/09/15 09:58
S10	87	clean$3 with (wash$4 adj machine) AND self-clean$3	US-PGPUB; USPAT	OR	ON	2008/09/15 10:01
S11	442	clean$3 near (wash$4 adj machine)	US-PGPUB; USPAT	OR	ON	2008/09/15 10:32
S12	0	domestic near self$1cleaning near appliance	US-PGPUB; USPAT	OR	ON	2008/09/15 10:52
S13	20	self$1cleaning near appliance	US-PGPUB; USPAT	OR	ON	2008/09/15 10:53
S14	5	domestic cleaning appliance	US-PGPUB; USPAT	ADJ	ON	2008/09/15 10:53
S15	323	self$1clean$3 near cycle	US-PGPUB; USPAT	ADJ	ON	2008/09/15 11:04
S16	141	(self$1clean$3 near cycle) NOT oven.ab.	US-PGPUB; USPAT	ADJ	ON	2008/09/15 11:05
S17	7	disinfecti$2 near (wash$4 machine)	US-PGPUB; USPAT	ADJ	ON	2008/09/15 11:13
S18	179	appliance near maintenance	US-PGPUB; USPAT	OR	ON	2008/09/15 11:37

S19	180	68/12.01.ccls.	US-PGPUB; USPAT	OR	ON	2008/09/15 11:53
S20	0	("2006/0162743").URPN.	USPAT	OR	ON	2008/09/15 14:00
S21	312	68/12.02.ccls.	US-PGPUB; USPAT	OR	ON	2008/09/15 15:12
S22	300	S21 not S19	US-PGPUB; USPAT	OR	ON	2008/09/15 15:12
S23	21	S22 and temperature.ab.	US-PGPUB; USPAT	OR	ON	2008/09/15 15:27
S24	46	S22 and temperature.clm.	US-PGPUB; USPAT	OR	ON	2008/09/15 15:28
S25	6	S8 AND (temperature near control).ab.	US-PGPUB; USPAT	OR	ON	2008/09/15 15:46
S26	26361	(laundry or wash$3) ADJ machine	US-PGPUB; USPAT	OR	ON	2008/09/15 15:49
S27	1786	(S26 AND (control SAME water SAME temperature)) NOT S22	US-PGPUB; USPAT	OR	ON	2008/09/15 15:50
S28	161	(S26 AND (control SAME water SAME temperature). CLM.) NOT S22	US-PGPUB; USPAT	OR	ON	2008/09/15 15:56
S29	60279	((wash$3 adj machine) appliance AND control).ab.	EPO; JPO; DERWENT	OR	ON	2008/09/15 17:04
S30	41902	((wash$3 adj machine) (domestic adj appliance) AND control).ab.	EPO; JPO; DERWENT	OR	ON	2008/09/15 17:06
S31	40799	((wash$3 adj machine) (domestic adj appliance) AND control near temperature).ab.	EPO; JPO; DERWENT	OR	ON	2008/09/15 17:06
S32	40788	((wash$3 adj machine) (water NEAR appliance) AND control near temperature).ab.	EPO; JPO; DERWENT	OR	ON	2008/09/15 17:07
S33	44119	((wash$3 adj machine) (water NEAR appliance) AND control near temperature).ti.	EPO; JPO; DERWENT	OR	ON	2008/09/15 17:07
S34	14460	(((wash$3 adj machine) (water NEAR appliance)) AND control)	EPO; JPO; DERWENT	OR	ON	2008/09/15 17:08
S35	4905	(((wash$3 adj machine) (water NEAR appliance)) AND control).ti.	EPO; JPO; DERWENT	OR	ON	2008/09/15 17:09
S36	384	S35 and temperature.ab.	EPO; JPO; DERWENT	OR	ON	2008/09/15 17:10
S37	1	"initial use" AND ((washing adj machine) or dish$1washer)	US-PGPUB; USPAT	OR	ON	2008/09/16 09:29

S38	1547	clean$ near6 tub	US-PGPUB; USPAT	OR	ON	2008/09/16 09:31
S39	1480	clean$3 near6 tub	US-PGPUB; USPAT	OR	ON	2008/09/16 09:31
S40	37632	clean$3 near4 (wash$3 tub)	US-PGPUB; USPAT	OR	ON	2008/09/16 09:32
S41	83	clean$3 near4 (wash$3 adj tub)	US-PGPUB; USPAT	OR	ON	2008/09/16 09:33
S42	1918	clean$3 near4 (wash$3 adj machine)	US-PGPUB; USPAT	OR	ON	2008/09/16 09:34
S43	1545	clean$3 near3 (wash$3 adj machine)	US-PGPUB; USPAT	OR	ON	2008/09/16 09:35
S44	0	"self-clean$3 wash$3 machine"	US-PGPUB; USPAT	OR	ON	2008/09/16 09:35
S45	0	"self$1clean$3 wash$3 machine"	US-PGPUB; USPAT	OR	ON	2008/09/16 09:36
S46	1	self$1clean$3 adj wash$3 adj machine	US-PGPUB; USPAT	OR	ON	2008/09/16 09:36
S47	68	self$1clean$3 same (wash$3 adj machine)	US-PGPUB; USPAT	OR	ON	2008/09/16 09:36
S48	1479	laundry near2 cycle	US-PGPUB; USPAT	OR	ON	2008/09/16 10:15
S49	4	initial near2 laundry near2 cycle	US-PGPUB; USPAT	OR	ON	2008/09/16 10:16
S50	6	initial near2 laund$5 near2 cycle	US-PGPUB; USPAT	OR	ON	2008/09/16 10:17
S51	6	initial near2 laund$5 near2 (cycle program)	US-PGPUB; USPAT	OR	ON	2008/09/16 10:19
S52	27	disinfect$3 near2 wash$3 adj machine	US-PGPUB; USPAT	OR	ON	2008/09/16 10:28
S53	2	"19742282"	EPO; JPO; DERWENT	OR	ON	2008/09/16 10:57
S54	0	program adj control adj laund$4 adj (appliance deivce)	US-PGPUB; USPAT	OR	ON	2008/09/16 11:28
S55	7	program near3 control near3 laund$4 near2 (appliance deivce)	US-PGPUB; USPAT	OR	ON	2008/09/16 11:29
S56	1101	134/18.ccls.	US-PGPUB; USPAT	OR	ON	2008/09/16 11:35
S57	66	134/18.ccls. AND ("wash$3 machine" laun$4 self$1clean$3)	US-PGPUB; USPAT	OR	ON	2008/09/16 11:39
S58	626	(134/18.ccls. AND (wash$3 machine)) NOT S57	US-PGPUB; USPAT	OR	ON	2008/09/16 11:55
S59	12046	(LG AND electronics).as.	US-PGPUB; USPAT	OR	ON	2008/09/16 15:45

S60	0	S59 AND water-bearing	US-PGPUB; USPAT	OR	ON	2008/09/16 15:46
S61	0	S59 AND water$1bearing	US-PGPUB; USPAT	OR	ON	2008/09/16 15:46
S62	729	S59 AND (wash$3 adj machines)	US-PGPUB; USPAT	OR	ON	2008/09/16 15:47
S63	43	wash$3 adj machine SAME start$1up	US-PGPUB; USPAT	OR	ON	2008/09/16 16:18
S64	0	wash$3 adj machine SAME "initial use"	US-PGPUB; USPAT	OR	ON	2008/09/16 16:28
S65	3451	wash$3 adj machine same tub	US-PGPUB; USPAT	OR	ON	2008/09/16 16:31
S66	2932	(wash$3 adj machine same tub) and (control method)	US-PGPUB; USPAT	OR	ON	2008/09/16 16:32
S67	1	"3770376"	US-PGPUB; USPAT	OR	ON	2008/09/16 17:05
S68	525	((wash$3 or laundry)adj machine) AND prompt	US-PGPUB; USPAT	OR	ON	2008/10/15 10:07
S69	1145	clean$3 near2 ((wash$ing or laundry) adj (machine or appliance))	US-PGPUB; USPAT	OR	ON	2008/10/15 10:22
S70	0	("1770556").URPN.	USPAT	ADJ	ON	2008/10/15 10:25
S73	20	clean$3 near2 ((wash$3 or laundry) adj (machine or appliance)) near2 (components or parts)	US-PGPUB; USPAT	OR	ON	2008/10/15 10:33
S74	20	clean$3 near2 ((wash$3 or laundry) adj (machine or appliance)) near2 (component or parts)	US-PGPUB; USPAT	OR	ON	2008/10/15 10:35
S75	49	clean$3 near3 ((wash$3 or laundry) adj (machine or appliance)) near2 (component or parts)	US-PGPUB; USPAT	OR	ON	2008/10/15 10:35
S76	143	clean$3 SAME ((wash$3 or laundry) adj (machine or appliance)) near2 (component or parts)	US-PGPUB; USPAT	OR	ON	2008/10/15 10:46
S77	1	("3770376").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/15 11:02
S78	10	("2611256" | "3005330" | "3197271" | "3370597" | "3376720").PN. OR ("3770376").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 11:07
S79	5	("3376720").URPN.	USPAT	ADJ	ON	2008/10/15 11:08

S80	264	(sanitiz$5 OR disinfect$4) SAME (wash$3 adj (tub or machine or appliance))	USPAT	ADJ	ON	2008/10/15 11:19
S81	311	(sanitiz$5 OR disinfect$4) SAME ((wash$3 or laundry) adj (tub or machine or appliance))	USPAT	ADJ	ON	2008/10/15 11:21
S82	1254	((wash$3 or laundry)adj machine) same controller	US-PGPUB; USPAT	OR	ON	2008/10/15 13:13
S83	369	((wash$3 or laundry)adj machine) same controller same cycle	US-PGPUB; USPAT	OR	ON	2008/10/15 14:10
S84	180	((wash$3 or laundry)adj machine) same cycle same instruct$4	US-PGPUB; USPAT	OR	ON	2008/10/15 14:24
S85	17	("4237565" | "4449384" | "4468600" | "4510778" | "4679414" | "4843671" | "5012658").PN. OR ("5150489").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 14:35
S86	21	((wash$3 adj machine) or (clothes adj wash$3))same (cycle or program or menu) same prompt	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 14:41
S87	5	pre$1clean$3 NEAR3 ((laundry or wash$3) adj (machine or appliance))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 14:47
S88	14	pre$1clean$3 same ((laundry or wash$3) adj (machine or appliance))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 14:47
S89	1250	(wash$3 adj machine) SAME (display)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 14:49
S90	412	(wash$3 adj machine) SAME (display) and (user near3 select$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 14:50
S91	292	S90 AND power	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 14:52
S92	15	S90 AND ((power$3 near3 on) or switch$1on or start $1up)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 14:52
S94	18	S90 AND ((power$3 near3 on) or switch$1on or start $1up or (first near2 use))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 14:53
S95	1821	(wash$3 or laundry) adj machine AND (control adj panel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 15:00
S96	3217	(wash$3 or laundry) adj machine AND maintenance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 15:20
S97	3217	((wash$3 or laundry) adj machine) AND maintenance	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 15:20

S99	20	((wash$3 or laundry) adj machine) near empty	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 15:34
S100	823	((wash$3 or laundry) adj (machine or appliance)) SAME empty	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/15 15:36
S101	0	"2006011811"	US-PGPUB; USPAT	OR	ON	2008/10/15 16:45
S102	1	"20060118141"	US-PGPUB; USPAT	OR	ON	2008/10/15 16:45
S103	6593	((wash$3 or laundry) adj (machine or appliance)) AND communicat$3	US-PGPUB; USPAT	OR	ON	2008/10/16 08:42
S104	27020	((wash$3 or laundry) adj (machine or appliance)) samecommunicat$3	US-PGPUB; USPAT	OR	ON	2008/10/16 08:44
S105	1865	((wash$3 or laundry) adj (machine or appliance)) same communicat$3	US-PGPUB; USPAT	OR	ON	2008/10/16 08:44
S106	69	((wash$3 or laundry) adj (machine or appliance)) same menu	US-PGPUB; USPAT	OR	ON	2008/10/16 08:45
S107	42	"4979641"	US-PGPUB; USPAT	ADJ	ON	2008/10/16 11:53
S108	1	("4979641").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/16 11:54
S109	446	(switch$3 turn$3) and on and prompt$3 and (clean $4 wash$3 rins$3 sanit$5 disinfect$3) and (cycle$1 process$2 procedure$1 step$1 operation$1 phase $1)	US-PGPUB; USPAT	OR	ON	2008/10/16 16:17
S110	2	speed NEAR2 laundry adj drum SAME "m/s"	US-PGPUB; USPAT	ADJ	ON	2008/10/20 15:01
S111	55	speed SAME laundry SAME "m/s"	US-PGPUB; USPAT	ADJ	ON	2008/10/20 15:03
S113	84	speed SAME ((laundry or wash$3) adj machine) SAME "m/s"	US-PGPUB; USPAT	ADJ	ON	2008/10/20 15:09
S114	6	(circumferen$4 near2 speed) SAME ((laundry or wash$3) adj machine)	US-PGPUB; USPAT	ADJ	ON	2008/10/20 15:24
S115	55	speed SAME laundry SAME ("m/s" or "meters per sec $3" or meters per min$3)	US-PGPUB; USPAT	ADJ	ON	2008/10/20 15:31
S116	55	speed SAME laundry SAME ("m/s" or "meters per sec $3" or meters per min$3 or "m/sec" or "m/min")	US-PGPUB; USPAT	ADJ	ON	2008/10/20 15:32

S118	122	speed SAME (laundry or (washing adj machine)) SAME ("m/s" or "meters per sec$3" or meters per min$3 or "m/sec" or "m/min")	US-PGPUB; USPAT	ADJ	ON	2008/10/20 15:40
S119	25	duration near2 drive adj control	US-PGPUB; USPAT	ADJ	ON	2008/10/20 17:04
S120	1	duration near2 drive adj control same washing adj machine	US-PGPUB; USPAT	ADJ	ON	2008/10/20 17:04
S121	1	(duration near2 drive adj control) same (washing adj machine)	US-PGPUB; USPAT	ADJ	ON	2008/10/20 17:05
S122	49	(drive adj control) same (washing adj machine)	US-PGPUB; USPAT	ADJ	ON	2008/10/20 17:05

10/21/2008 3:15:43 PM
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